

SYSTEM AND METHOD OF INTEGRATING GAS COMPONENTS

ABSTRACT OF THE DISCLOSURE

5 A system and method for integrating gas components
that combines together, either in an in-line or modular
fashion, at least two gas components used in a gas
stick for flowing a gas from a first point to an end
point. In one embodiment, the present invention can be
used to combine a pressure transducer, a filter, and a
10 display into a single unit that will reduce the gas
stick size along the gas flow axis of the gas stick.
The gas components can be integrated using VCR
connections for an in-line use of the present
invention. In the modular form, the present invention
15 can use a number of different connections to connect
the gas components vertically on a modular base block
(i.e., stacked approximately perpendicular to the
modular base block). Thus, the gas components will
stack vertically with respect to the traditional
20 horizontal gas flow path axis.